

#### ABSTRACT OF THE DISCLOSURE

Lattice points for correspondence defining data are determined by transmitting from a client to a server the original correspondence defining data which previously prescribes correspondence between the lattice points in the low-dimensional color space and the lattice points for ink amount for a printing apparatus, causing the server to acquire correspondence between lattice points in the low-dimensional color space and lattice points in the device-independent color space by referencing the original correspondence defining data, prescribing a smoothness evaluation function which evaluates smoothness of the arrangement of lattice points in the device-independent color space and has as a variable the information about the position of lattice points in the low-dimensional color space, and optimizing the arrangement of lattice points in the device-independent color-space by improving the rating of the smoothness evaluation function, with the information about the position of lattice points varied.